

## **Abstract**

A method for communicating between a first station and a second station over a wire pair, in which the first station sends an alternating power signal over the wire pair, the alternating power signal comprising a plurality of communication symbols, the second station receiving the alternating power signal and determining therefrom the communication symbols, the second station drawing current from the alternating power signal in a sequence corresponding to at least one further communication symbol, and the first station determining the current drawn in the alternating power signal to recover the further communication symbol.